

FIG. 1

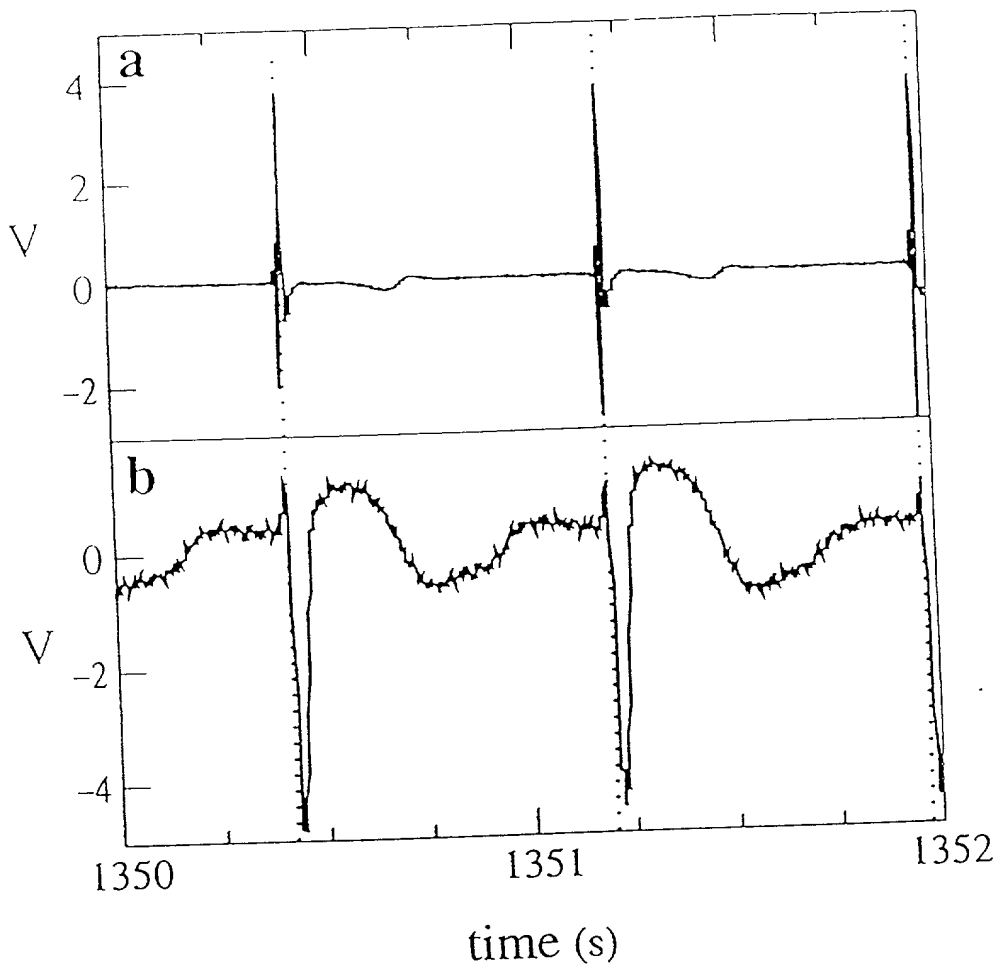


FIG. 2

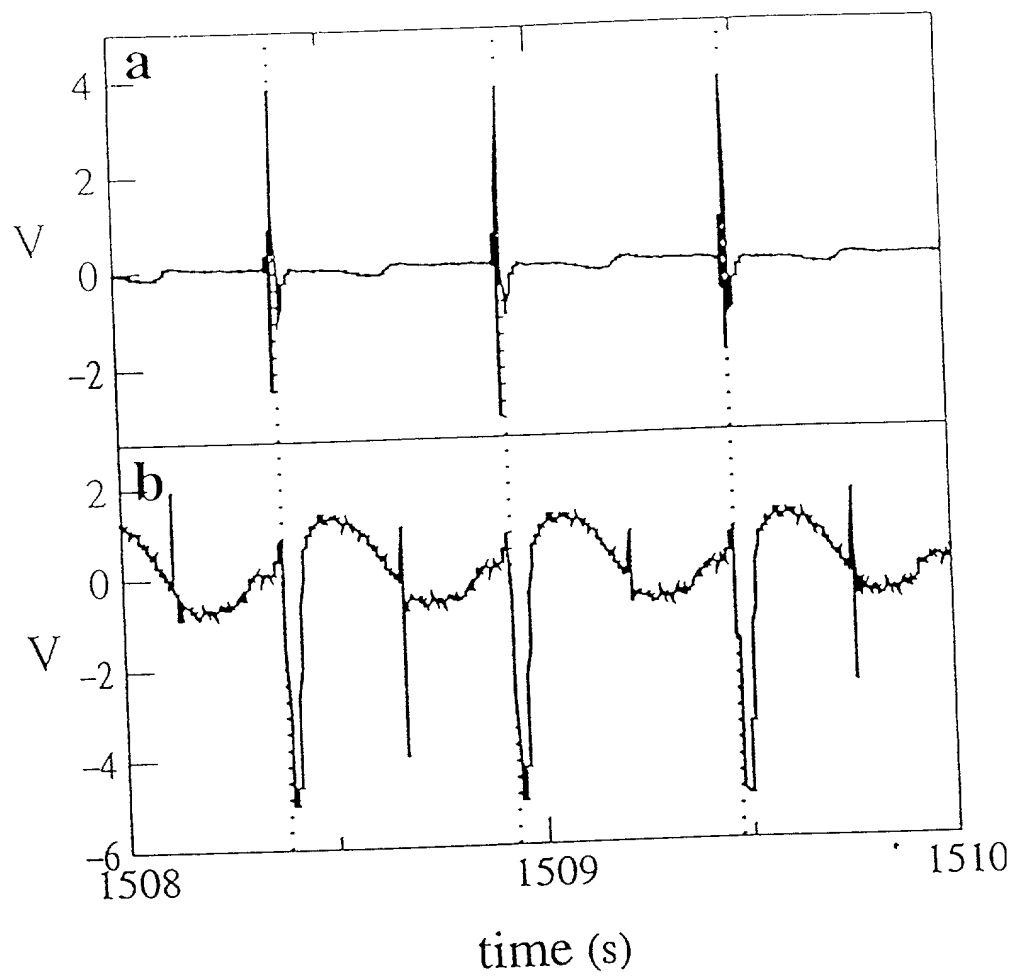


FIG. 3

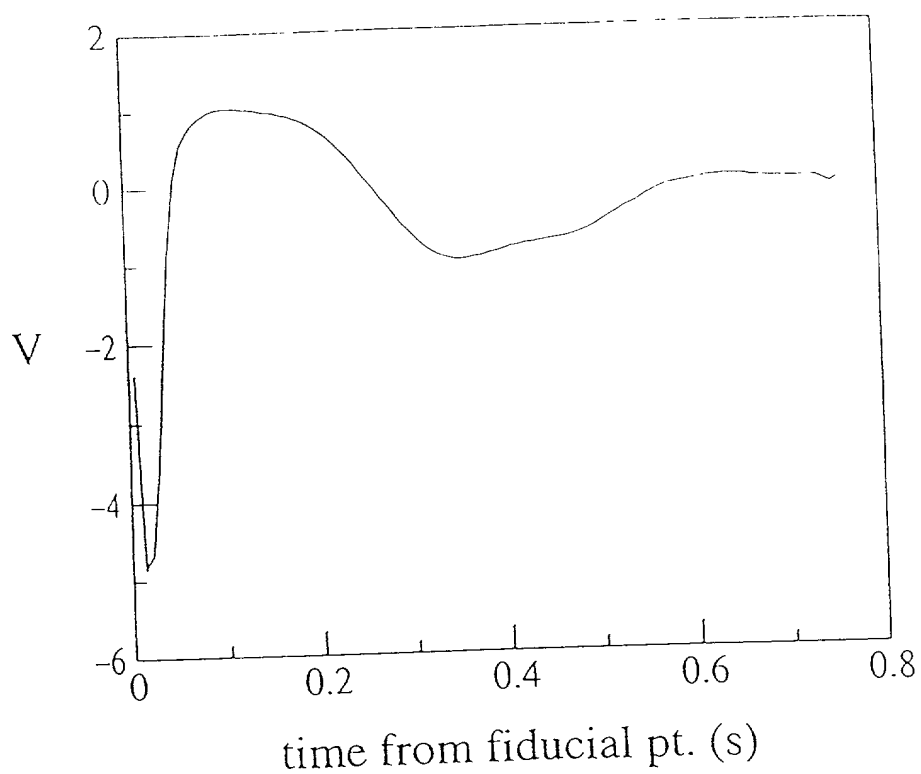


FIG. 4

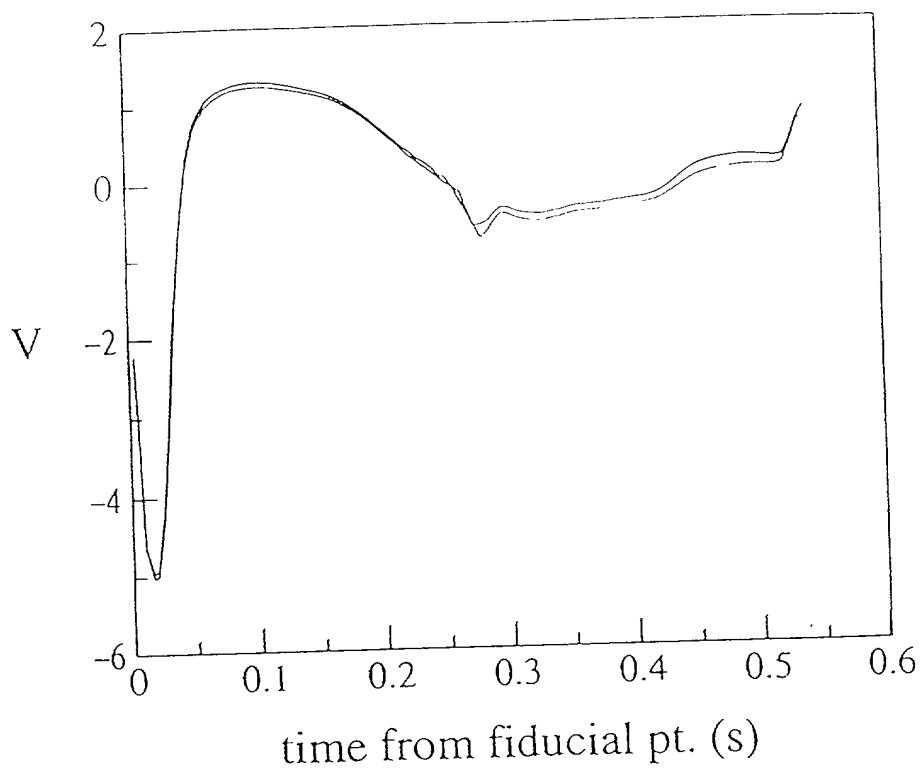


FIG. 5

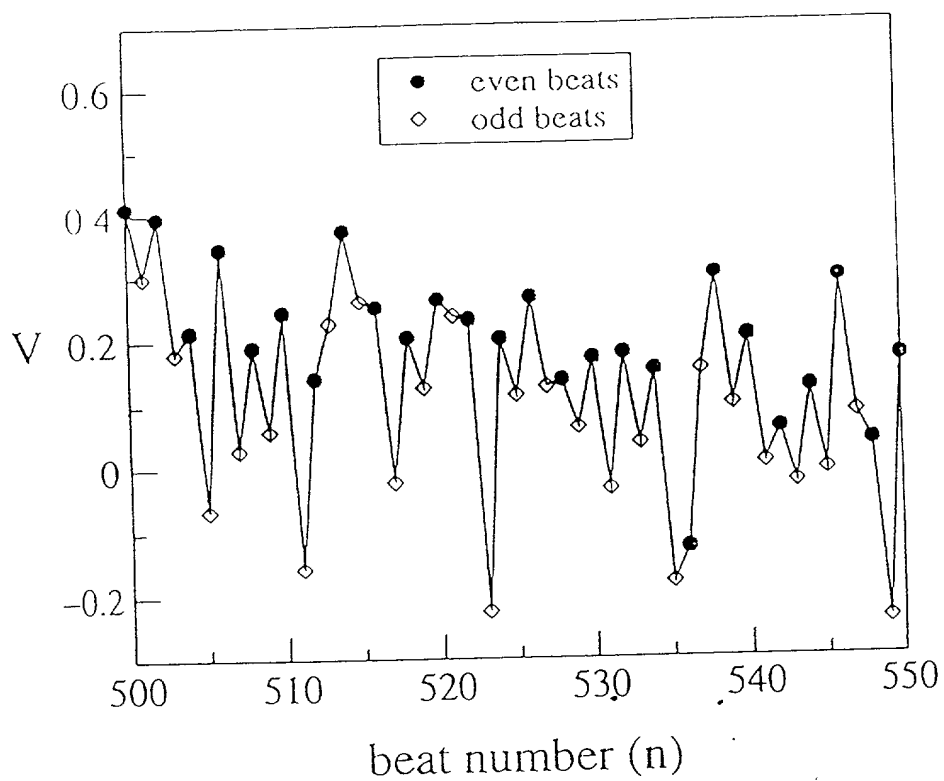


FIG. 6

Patient	Gender	Age (years)	Antiarrhythmic medications	Beta-blockers	Cardiac diagnosis	Electrocardiogram	Electrophysiology study indication	Induced IATV	TIVA	Endocardial RPA
1	F	57	-	+	NIDCM	LBBB	syncope	-	+	+
2	F	27	-	+	NIDCM	NSRA	syncope	-	+	+
3	M	64	-	+	ICM, CAD	NSRA	NSVT	+	+	+
4	M	65	-	-	NIDCM	LBBB	syncope	-	-	-
5	M	32	-	-	MVP	RUCD, NSRA	CA	-	-	-
6	M	51	-	+	ICM	AWMI, LAFB	NSVT	+	+	+
7	M	79	-	+	ICM	NSRA	syncope	-	-	-
8	F	66	-	+	CAD	IRMI, NSRA	NSVT	-	-	-
9	F	56	-	-	MR	AWMI	SVT, NSVT	-	-	-
10	M	68	-	+	ICM	IVCD, AWMI	NSVT	+	+	+
11	M	68	-	+	ICM	IVCD	NSVT	-	+	+
12	M	51	-	+	ICM	AWMI, NSRA	NSVT	+	+	+
13	M	62	-	+	-	normal	syncope	-	-	+
14	M	70	-	-	ICM	IRMI, ALRA	NSVT	-	+	+
15	M	76	-	+	ICM	1° AVB, IVCD	NSVT	+	+	-
16	F	81	-	-	CAD, HCM	LVI, ALRA	NSVT, syncope	-	+	-
17	M	61	-	+	ICM	LVI	NSVT	+	+	+
18	M	79	-	+	ICM	1° AVB, LBBB, AWMI	syncope	+	-	-
19	M	75	Amiodarone	-	CAD	RBBB, LAFB	sustained VT	+	-	-
20	M	61	-	-	ICM	LBBB	sustained VT	+	+	-
21	M	36	-	+	NIDCM	normal	CA	-	-	-

... at 6A) and/or rapid repolarization abnormality

1° AVB; 1st degree atrioventricular nodal block; ALPRA; amlodipine 10 mg daily q0800

AWMI: anterior wall myocardial infarction, CA: cardiac arrest, CAD: coronary artery disease

HCM: hypertrophic cardiomyopathy, ICM: ischemic cardiomyopathy, IPMI: interapoptemia myocardial infarction block

IVCD: Intraventricular conduction delay, IWM: inferior wall myocardial infarction, LAE: left anterior descending artery

LVCD: intraventricular conduction system block. LVH: left-ventricular hypertrophy. MR: mitral regurgitation.

LEGGS: left bundle branch block; LVH: left ventricular hypertrophy; NIDDM: non-insulin-dependent diabetes mellitus; NIDCM: non-ischemic dilated cardiomyopathy.

MVT: monomorphe ventricular tachycardie, NVT: normales ventricular tachycardie.

NSRA: non-specific repolarization abnormality, NSVT: non-sustained ventricular tachycardia

RBBB: right bundle branch block, RPA: repolarization alternans, RVCD: right ventricular

ST-T-wave alternans, VT: ventricular tachycardia, TWA: T-wave alternans, VT: ventricular tachycardia

[illegible]

FIG. 7

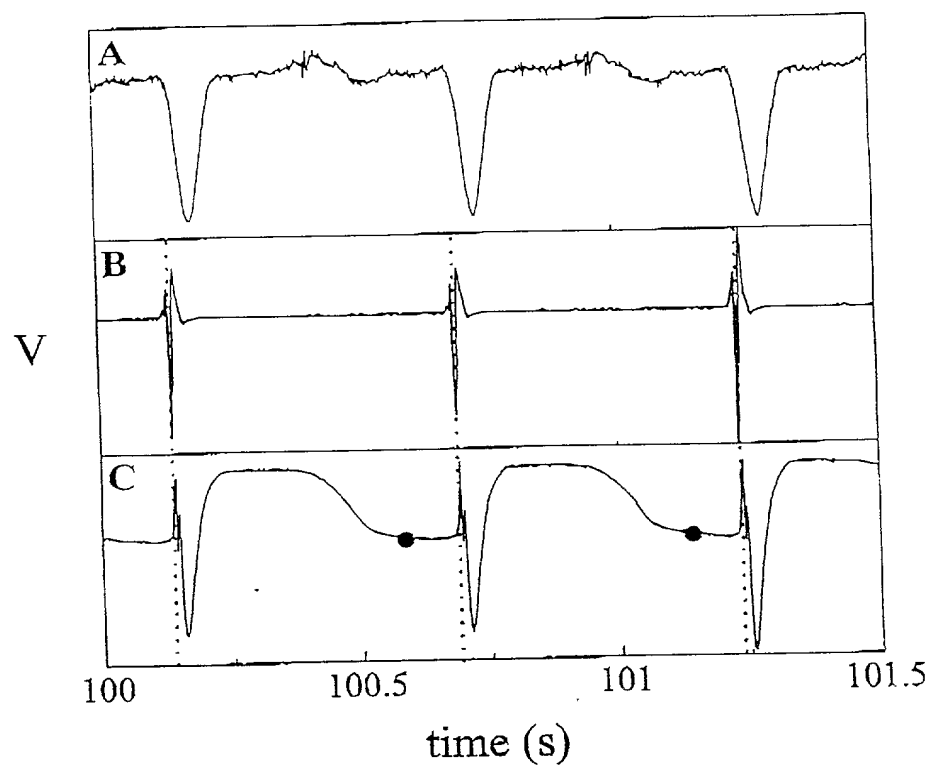


FIG. 8

A	Endocardial RPA		
TWA		+	-
	+	7	4
	-	2	8

FIG. 9A

B		TWA		RPA	
		+	-	+	-
MVT	+	7	2	5	4
	-	4	8	4	8

FIG. 9B

MVT: monomorphic ventricular tachycardia, RPA: repolarization alternans
TWA: T-wave alternans

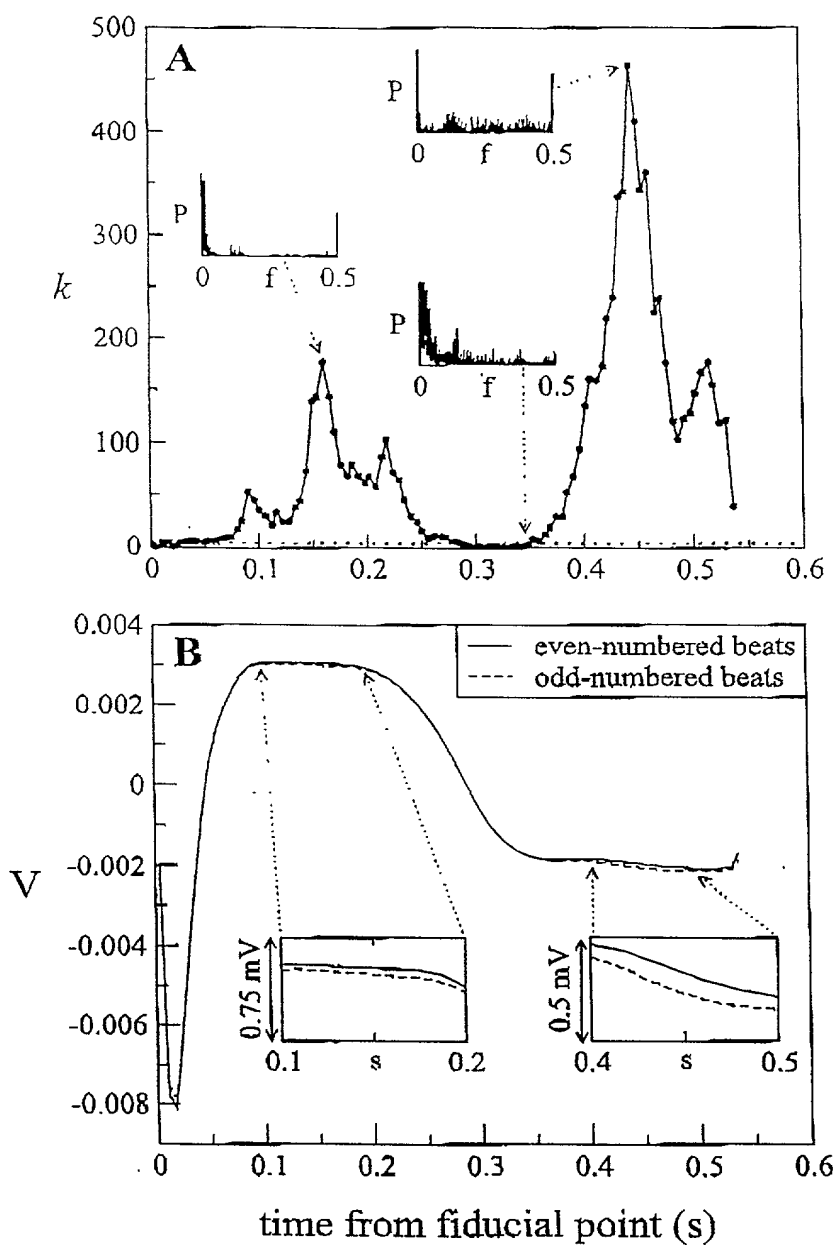


FIG. 10

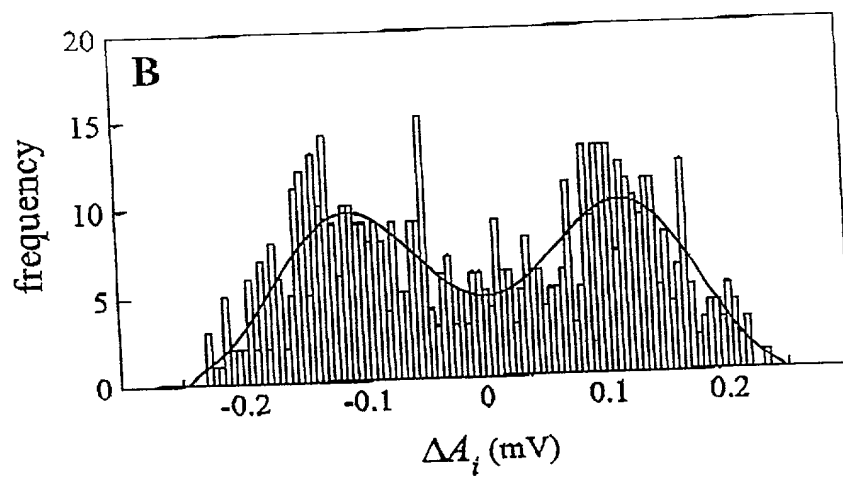
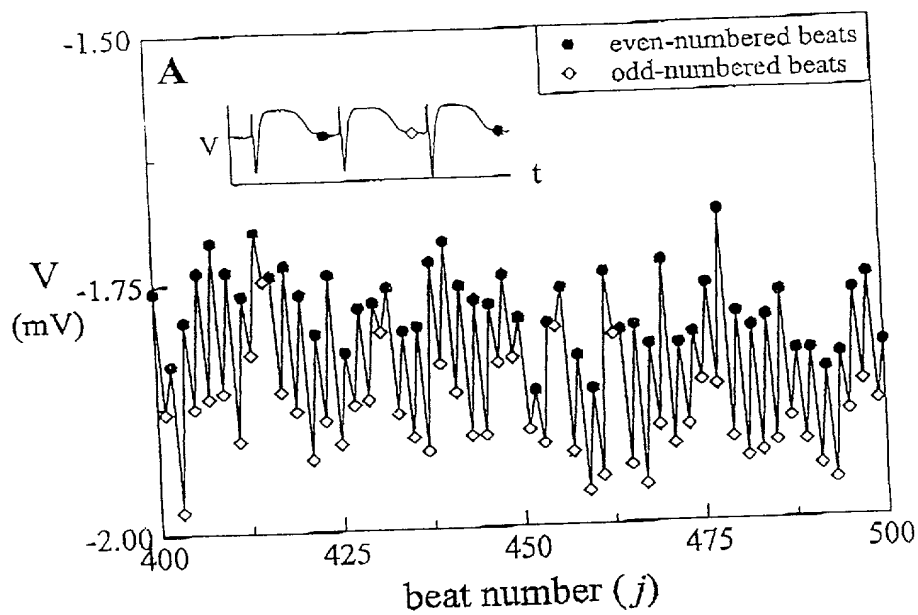


FIG. 11

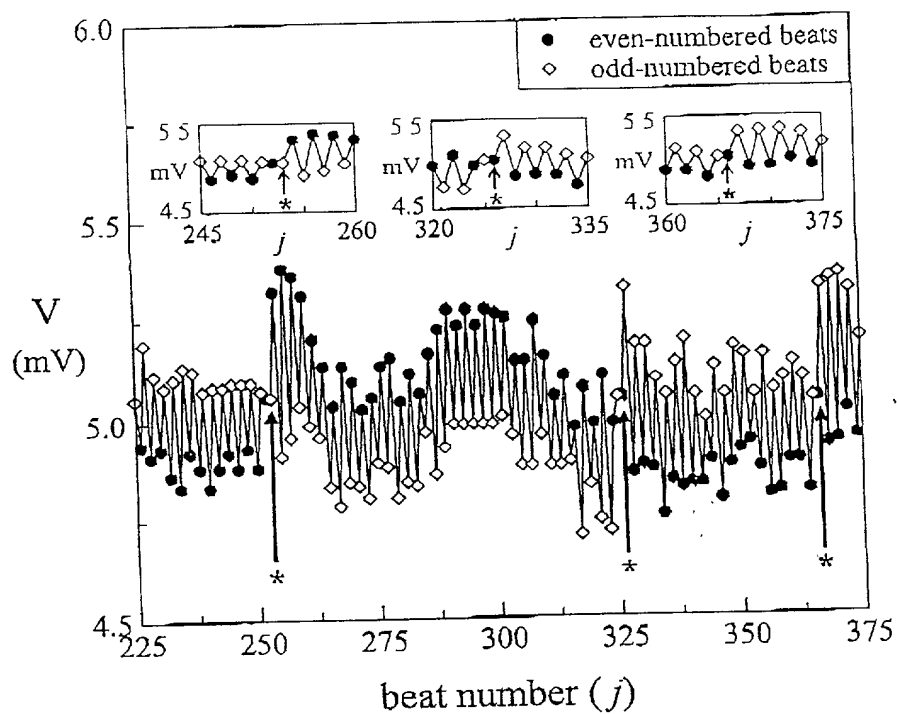


FIG. 12